Vegetables

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Contracted Processing Production Down 9 Percent from Last Year
Asparagus Production Down 18 Percent
Spring Onion Production Down 11 Percent

The 2010 contracted processing vegetable production for the four major processing crops (snap beans, sweet corn, green peas, and tomatoes) is forecast at 16.6 million tons, down 9 percent from last year. Production of processing tomatoes, at 12.8 million tons, is 7 percent below 2009. Snap bean production, at 736,680 tons, is down 6 percent from last year's production. Sweet corn production, at 2.73 million tons, is down 16 percent from last year. Green pea production, at 351,480 tons, is 20 percent below 2009. Contracted area for harvest of the four major processing vegetable crops, at 988,150 acres, is 10 percent below 2009.

Production of the 2010 asparagus crop is forecast at 741,000 cwt, down 18 percent from 2009. Area harvested, at 28,000 acres, is down 4 percent from last year. Fresh production, at 621,000 cwt, declined 12 percent from 2009. Processed production, at 6,000 tons, is down 39 percent from last year.

The end-of-season spring onion production estimate, at 7.66 million cwt, is down 11 percent from last year. Area harvested, at 25,900 acres, is down 5 percent from a year ago, and yield, at 296 cwt per acre, is down 19 cwt per acre from 2009. The value of the spring crop is estimated at 305 million dollars, 61 percent above last year.

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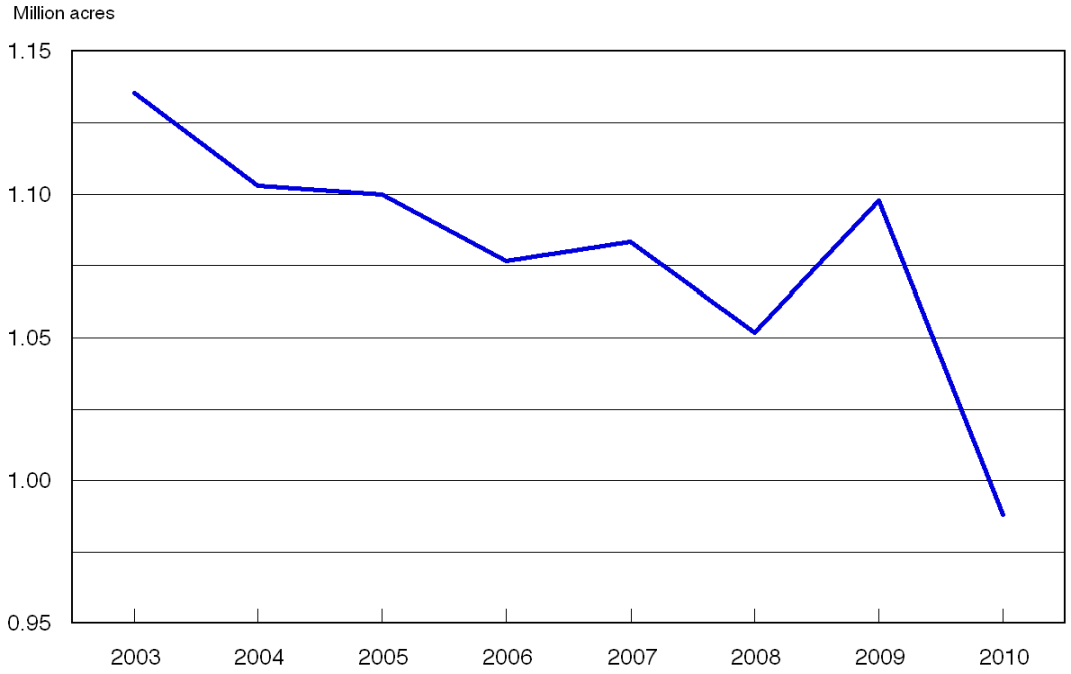
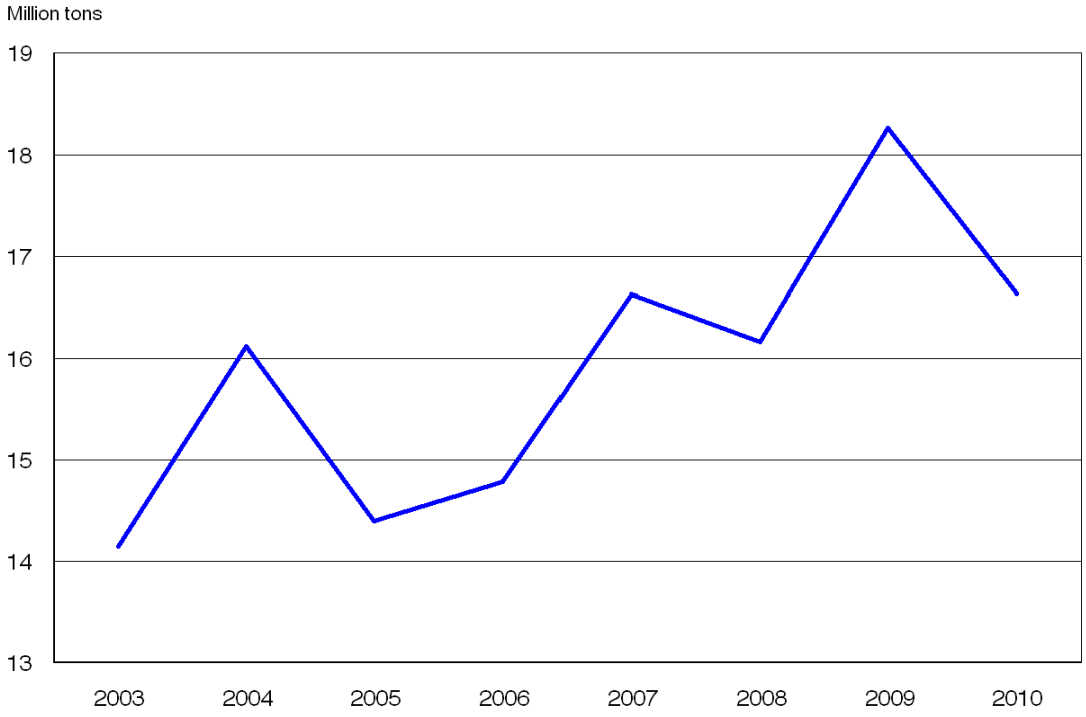


Contracted Production for Four Major Processed Vegetables - United States
Snap beans, Sweet corn, Green peas, and Tomatoes



Processing Vegetable Area Harvested and Production by Crop – United States: 2008, 2009, and Forecasted 2010 (Domestic Units)

[Blank data cells indicate estimation period has not yet begun]

Crop	Harvested			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(acres)	(acres)	(acres)	(acres)
All processing				
Snap beans	198,300	196,179	189,309	186,650
Sweet corn	360,600	379,500	379,406	340,000
Green peas [2]	209,700	205,350	205,350	175,500
Tomatoes	296,500	327,800	323,800	286,000
United States	1,065,100	1,108,829	1,097,865	988,150
Cucumber for pickles [3]	96,600	97,500	84,690	
Total 5 vegetables	1,161,700	1,206,329	1,182,555	

Crop	Production			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(tons)	(tons)	(tons)	(tons)
All processing				
Snap beans	808,000	812,990	787,000	736,680
Sweet corn	2,832,490	3,234,080	3,233,630	2,731,480
Green peas [2]	411,780	441,580	441,580	351,480
Tomatoes	12,305,820	13,970,560	13,804,560	12,819,110
United States	16,358,090	18,459,210	18,266,770	16,638,750
Cucumbers for pickles [3]	567,100	542,600	468,290	
Total 5 vegetables	16,925,190	19,001,810	18,735,060	

[1] Includes acreage from major brokers.
[2] Carried forward from earlier forecast.
[3] Cucumbers for pickles will be published in the *Vegetables 2010 Summary* released January 2011.

Processing Vegetable Area Harvested and Production by Crop – United States: 2008, 2009, and Forecasted 2010 (Metric Units)

[Blank data cells indicate estimation period has not yet begun]

Crop	Harvested			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(hectares)	(hectares)	(hectares)	(hectares)
All processing				
Snap beans	80,250	79,390	76,610	75,540
Sweet corn	145,930	153,580	153,540	137,590
Green peas [2]	84,860	83,100	83,100	71,020
Tomatoes	119,990	132,660	131,040	115,740
United States [3]	431,040	448,730	444,290	399,890
Cucumbers for pickles [4]	39,090	39,460	34,270	
Total 5 vegetables [3]	470,130	488,190	478,570	

Crop	Production			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
All processing				
Snap beans	733,000	737,530	713,950	668,300
Sweet corn	2,569,580	2,933,890	2,933,480	2,477,940
Green peas [2]	373,560	400,590	400,590	318,860
Tomatoes	11,163,590	12,673,810	12,523,220	11,629,240
United States [3]	14,839,730	16,745,830	16,571,250	15,094,340
Cucumbers for pickles [4]	514,460	492,240	424,820	
Total 5 vegetables [3]	15,354,190	17,238,060	16,996,070	

[1] Includes acreage from major brokers.
[2] Carried forward from earlier forecast.
[3] Totals may not add due to rounding.
[4] Cucumbers for pickles will be published in the *Vegetables 2010 Summary* released January 2011.

Snap Beans for Processing Area Harvested, Yield, and Production – States and United States: 2008, 2009, and Forecasted 2010

State	Harvested			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(acres)	(acres)	(acres)	(acres)
Illinois	12,500	11,500	11,500	13,000
Indiana	4,500	4,400	4,400	5,000
Michigan	15,000	16,500	16,500	14,100
Minnesota	4,700	7,600	7,600	7,400
New York	20,400	19,400	19,400	21,300
Oregon	18,600	18,950	18,950	17,400
Pennsylvania	10,700	7,000	1,700	10,900
Wisconsin	80,500	81,700	81,200	77,100
Other States [2]	31,400	29,129	28,059	20,450
United States	198,300	196,179	189,309	186,650

State	Yield per acre			Production			
	2008	2009	2010	2008	2009		2010
	Total	Total	Contract [1]	Total	Total	Contract [1]	Contract [1]
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Illinois	3.59	3.80	2.90	44,820	43,700	43,700	37,700
Indiana	3.11	3.56	2.67	13,980	15,650	15,650	13,350
Michigan	3.65	3.95	4.00	54,750	65,180	65,180	56,400
Minnesota	3.17	2.66	3.30	14,890	20,190	20,190	24,420
New York	3.80	2.87	3.44	77,590	55,670	55,670	73,270
Oregon	6.03	5.94	6.20	112,140	112,600	112,600	107,880
Pennsylvania	3.48	3.95	2.40	37,250	27,660	7,070	26,160
Wisconsin	4.06	4.32	4.24	326,870	353,290	351,190	326,900
Other States [2]	4.00	4.09	3.45	125,710	119,050	115,750	70,600
United States	4.07	4.14	3.95	808,000	812,990	787,000	736,680

[1] Includes acreage from major brokers.
[2] Other States include California, Delaware, Florida, Georgia, Maryland, New Jersey, North Carolina, Texas, and Virginia.

Sweet Corn for Processing Area Harvested, Yield, and Production – States and United States: 2008, 2009, and Forecasted 2010

State	Harvested			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(acres)	(acres)	(acres)	(acres)
Maryland	6,900	(D)	(D)	(D)
Minnesota	123,900	122,400	122,400	119,500
Oregon	18,400	24,000	24,000	21,400
Washington	66,300	81,700	81,700	65,900
Wisconsin	87,600	85,700	85,700	76,700
Other States [2]	57,500	65,700	65,606	56,500
United States	360,600	379,500	379,406	340,000

State	Yield per acre			Production			
	2008	2009	2010	2008	2009		2010
	Total	Total	Contract [1]	Total	Total	Contract [1]	Contract [1]
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Maryland	7.30	(D)	(D)	50,370	(D)	(D)	(D)
Minnesota	7.08	8.00	7.30	876,980	979,250	979,250	872,350
Oregon	9.75	10.00	9.90	179,310	240,000	240,000	211,860
Washington	9.78	10.37	9.90	648,490	847,010	847,010	652,410
Wisconsin	7.44	7.78	7.63	651,570	666,630	666,630	585,220
Other States [2]	7.40	7.63	7.25	425,770	501,190	500,740	409,640
United States	7.85	8.52	8.03	2,832,490	3,234,080	3,233,630	2,731,480

(D) Withheld to avoid disclosing data for individual operations.
[1] Includes acreage from major brokers.
[2] For 2008, Other States include, Delaware, Idaho, Illinois, Iowa, New Jersey, New York, Pennsylvania, Tennessee, and Virginia. Beginning in 2009, Other States include, Delaware, Idaho, Illinois, Iowa, Maryland, New Jersey, New York, and Pennsylvania.

Tomatoes for Processing Area Harvested, Yield, and Production – States and United States: 2008, 2009, and Forecasted 2010

State	Harvested			
	2008	2009		2010
	Total	Total	Contract [1]	Contract [1]
	(acres)	(acres)	(acres)	(acres)
California	279,000	308,000	304,000	268,000
Indiana	8,300	9,800	9,800	9,500
Michigan	3,400	3,400	3,400	3,300
Ohio	5,800	6,600	6,600	5,200
United States	296,500	327,800	323,800	286,000

State	Yield per acre			Production			
	2008	2009	2010	2008	2009		2010
	Total	Total	Contract [1]	Total	Total	Contract [1]	Contract [1]
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
California	42.37	43.23	45.90	11,822,000	13,314,000	13,148,000	12,300,000
Indiana	30.00	32.79	26.94	249,000	321,340	321,340	255,930
Michigan	30.00	39.00	35.00	102,000	132,600	132,600	115,500
Ohio	22.90	30.70	28.40	132,820	202,620	202,620	147,680
United States	41.50	42.62	44.82	12,305,820	13,970,560	13,804,560	12,819,110

[1] Includes acreage from major brokers.

Snap beans: Contracted production of snap beans is forecast at 736,680 tons, down 6 percent from last year. Contracted harvested area is down 1 percent, and yield is down 0.19 tons per acre. In Michigan, insect and disease problems have been reported in some fields due to hot and humid weather. In Illinois, excessive rainfall across the State negatively impacted yields. In Indiana, heavy rainfall during the planting season delayed field preparation. In Minnesota, snap beans are reported to be in good condition due to warm temperatures and plenty of rainfall. Pennsylvania growers experienced very hot and dry weather during the growing season. In Wisconsin, snap beans are progressing at a slow pace due to heavy rainfall during June and July.

Sweet corn: Contracted sweet corn production is forecast at 2.73 million tons, down 16 percent from last year. A decline of 10 percent in contracted harvested area is accompanied by a decline in yield of 0.49 ton per acre from 2009. Oregon's sweet corn crop was delayed due to cool and wet spring conditions. In Wisconsin, harvest was delayed due to standing water in the fields.

Tomatoes: Contracted tomato production is forecast at 12.8 million tons, down 7 percent from last year. A decline of 12 percent in contracted harvested area is accompanied by a yield increase of 2.20 tons per acre. In California, the season got off to a slow start due to cool temperatures and wet conditions. In Ohio, harvest was 7 percent complete by mid-August. In Michigan, the tomato crop looks good and is reported to be growing at a fast pace. However, by late July, reports of early blight slowed crop progress. Indiana's processing tomatoes are reported to be in good condition despite heavy rainfall during the planting season.

Asparagus Area Planted and Harvested, Yield, Production, and Value – States and United States: 2008-2010

State	Area planted			Area harvested		
	2008	2009	2010	2008	2009	2010
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California	15,000	13,000	12,000	14,500	12,500	11,500
Michigan	11,700	11,200	10,700	11,200	10,700	10,500
Washington	7,000	6,500	6,500	6,500	6,000	6,000
United States	33,700	30,700	29,200	32,200	29,200	28,000

State	Yield per acre			Production		
	2008	2009	2010	2008	2009	2010
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	29	32	30	421	400	345
Michigan	23	22	16	258	235	168
Washington	42	44	38	273	264	228
United States	30	31	26	952	899	741

State	Value					
	Per cwt			Total		
	2008	2009	2010	2008	2009	2010
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California	125.00	130.00	126.00	52,625	52,000	43,470
Michigan	71.80	70.40	83.00	18,516	16,553	13,948
Washington	67.10	76.90	73.40	18,310	20,302	16,736
United States	94.00	98.80	100.00	89,451	88,855	74,154

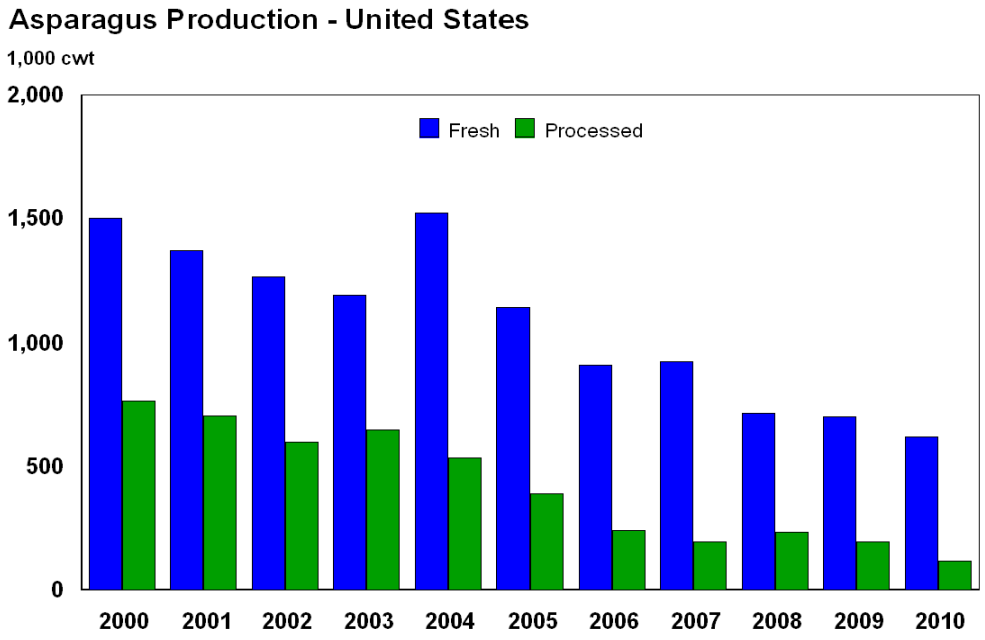
Asparagus Production and Value by Utilization – States and United States: 2008-2010

Utilization and State	Production		
	2008	2009	2010
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Fresh market			
California [1]	421	400	345
Other States [2]	297	303	276
United States	718	703	621
	(tons)	(tons)	(tons)
Processing			
Other States [2]	11,700	9,800	6,000
United States	11,700	9,800	6,000
Canning	7,100	5,100	3,100
Freezing	4,600	4,700	2,900

Utilization and State	Value					
	Per unit			Total		
	2008	2009	2010	2008	2009	2010
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Fresh market						
California [1]	125.00	130.00	126.00	52,625	52,000	43,470
Other States [2]	70.60	78.60	81.60	20,974	23,827	22,524
United States	103.00	108.00	106.00	73,599	75,827	65,994
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Processing						
Other States [2]	1,360.00	1,330.00	1,360.00	15,852	13,028	8,160
United States	1,360.00	1,330.00	1,360.00	15,852	13,028	8,160
Canning	1,350.00	1,360.00	1,430.00	9,596	6,918	4,448
Freezing	1,360.00	1,300.00	1,280.00	6,256	6,110	3,712

[1] Includes a small amount of processing asparagus.
[2] Other States include Michigan and Washington.

Asparagus: Production from the 2010 asparagus crop is forecast at 741,000 cwt, down 18 percent from last year. Harvested area, at 28,000 acres, is down 4 percent from 2009. Fresh production of 621,000 cwt, is down 12 percent from a year ago. Processed production, at 6,000 tons, is down 39 percent from 2009. Asparagus for canning, at 3,100 tons, is down 39 percent from last year. Frozen asparagus production of 2,900 tons, is down 38 percent from 2009. Total value of the crop, at 74.2 million dollars, is down 17 percent from 2009. In Michigan, frost damage early in the growing season hampered crop progress. Harvest of the asparagus crop was complete by late June. In California, timely showers and mild temperatures in the Salinas Valley and San Joaquin Valley provided favorable growing conditions for the asparagus crop. However, harvest was delayed in February due to muddy field conditions. Harvest was complete in most areas of the State by mid-July.



Onion Area Planted and Harvested, Yield, Production, and Value – Selected States: 2009 and 2010

Crop and State	Area				Yield per acre	
	Planted		Harvested			
	2009	2010	2009	2010	2009	2010
	(acres)	(acres)	(acres)	(acres)	(cwt)	(cwt)
Spring [1]						
Arizona [2]	1,600	(NA)	1,600	(NA)	360	(NA)
California	6,200	6,400	6,000	6,200	410	410
Georgia	12,000	12,000	10,500	11,100	240	205
Texas	10,300	10,000	9,100	8,600	330	330
United States	30,100	28,400	27,200	25,900	315	296

Crop and State	Production		Value			
			Per cwt		Total	
	2009	2010	2009	2010	2009	2010
	(1,000 cwt)	(1,000 cwt)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Spring [1]						
Arizona [2]	576	(NA)	11.30	(NA)	6,509	(NA)
California	2,460	2,542	8.60	17.60	21,156	44,739
Georgia	2,520	2,276	32.90	49.70	82,908	113,117
Texas	3,003	2,838	26.40	51.80	79,279	147,008
United States	8,559	7,656	22.20	39.80	189,852	304,864

(NA) Not available.
[1] Primarily fresh market.
[2] Estimates discontinued in 2010.

Spring onions: The end-of-season spring onion production estimate, at 7.66 million cwt, is down 11 percent from last year. Area harvested, at 25,900 acres, is down 5 percent from a year ago, and yield, at 296 cwt per acre, is down 19 cwt per acre from 2009. The value of the spring crop is estimated at 305 million dollars, 61 percent more than last year. In Georgia, transplanting of spring onions was delayed due to very cold weather during late December and January. Hot conditions during late May reduced yields. Planting of spring onions in California began in most areas by December. Cool and wet weather was reported during the growing season.

Statistical Methodology

Survey Procedures: Acreage and production information included in this report are collected six times during the year. Acreage forecasts are obtained on a quarterly basis for fresh market and processing vegetables. For fresh market vegetables, growers are surveyed seasonally for estimates of crops such as onions and strawberries. Producers growing multiple fresh market crops are surveyed at seasonal intervals in major producing States for the remaining vegetable crops in the program. Data are collected by telephone interviews, mail out, faxed questionnaires, and personal interviews. Data accuracy and reducing respondent burden are taken into account in conducting the surveys. The most desirable survey method is to do a complete enumeration of growers. When this is not possible, a mail inquiry, sent to a sample of growers, is conducted. Due to the variable nature of the vegetable industry, mail lists are frequently updated to ensure complete coverage.

Summary and Estimation Procedures: The vegetable surveys collect data in the major producing States for each respective commodity. States with a small number of growers survey all known commercial producers of vegetable commodities. States with a large number of producers contact a sample of growers to get production data. Sampling may still result in a census for some vegetables.

Revision Policy: Quarterly vegetables reports are released by season (winter in January, spring in April, summer in July, and fall in October) and they are not subject to revisions. At the end of the calendar year, all producers have the opportunity to update or provide any additional data corresponding to any of the weeks for the current and previous year. After these data are incorporated with previously reported data, revised seasonal estimates are published in the Vegetables Annual Summary.

Reliability: The vegetable survey is subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

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- Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries ..... (202) 720-2157
- Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco ..... (202) 720-4288
- Dawn Keen – Floriculture, Maple Syrup, Nursery, Tree Nuts ..... (202) 720-4215
- Steve Maliszewski – Citrus, Coffee, Grapes, Tropical Fruits ..... (202) 720-5412
- Tierra Mobley – Berries, Cranberries, Potatoes, Sweet Potatoes ..... (202) 720-4285
- Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mints, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans ..... (202) 720-3250
- Kim Ritchie – Hops ..... (360) 709-2400

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

USDA Data Users' Meeting

Monday October 25, 2010

Crowne Plaza Chicago-Metro
Chicago, Illinois 60661
312-829-5000

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seek comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at http://www.nass.usda.gov/meeting/ or contact Marie Jordan (NASS) at 202-690-8141 or at marie_jordan@nass.usda.gov.

This Data Users' Meeting precedes an Industry Outlook Meeting that will be held at the same location on Tuesday October 26, 2010. The Outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Meeting, see the Livestock and Marketing Information Center (LMIC) homepage at http://www.lcmic.info/ or contact Erica Rosa 303-236-0461 at rosa@lmic.info or Laura Lahr 303-236-0464 at lahr@lmic.info.